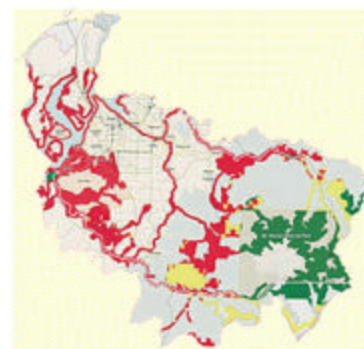


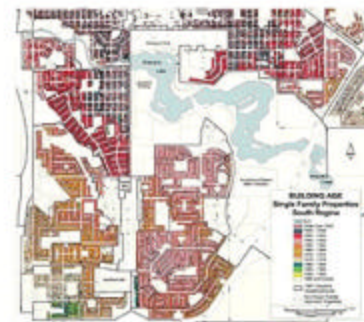


# The Role of Integrated Natural Resource Management Plans in Army Land Management

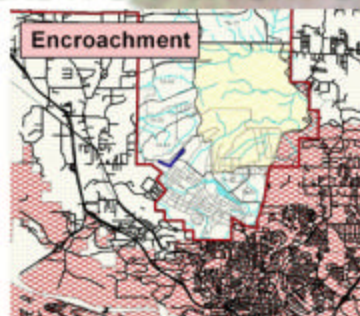
**Environmental**



**Installations**



**Public Affairs**



**Training**

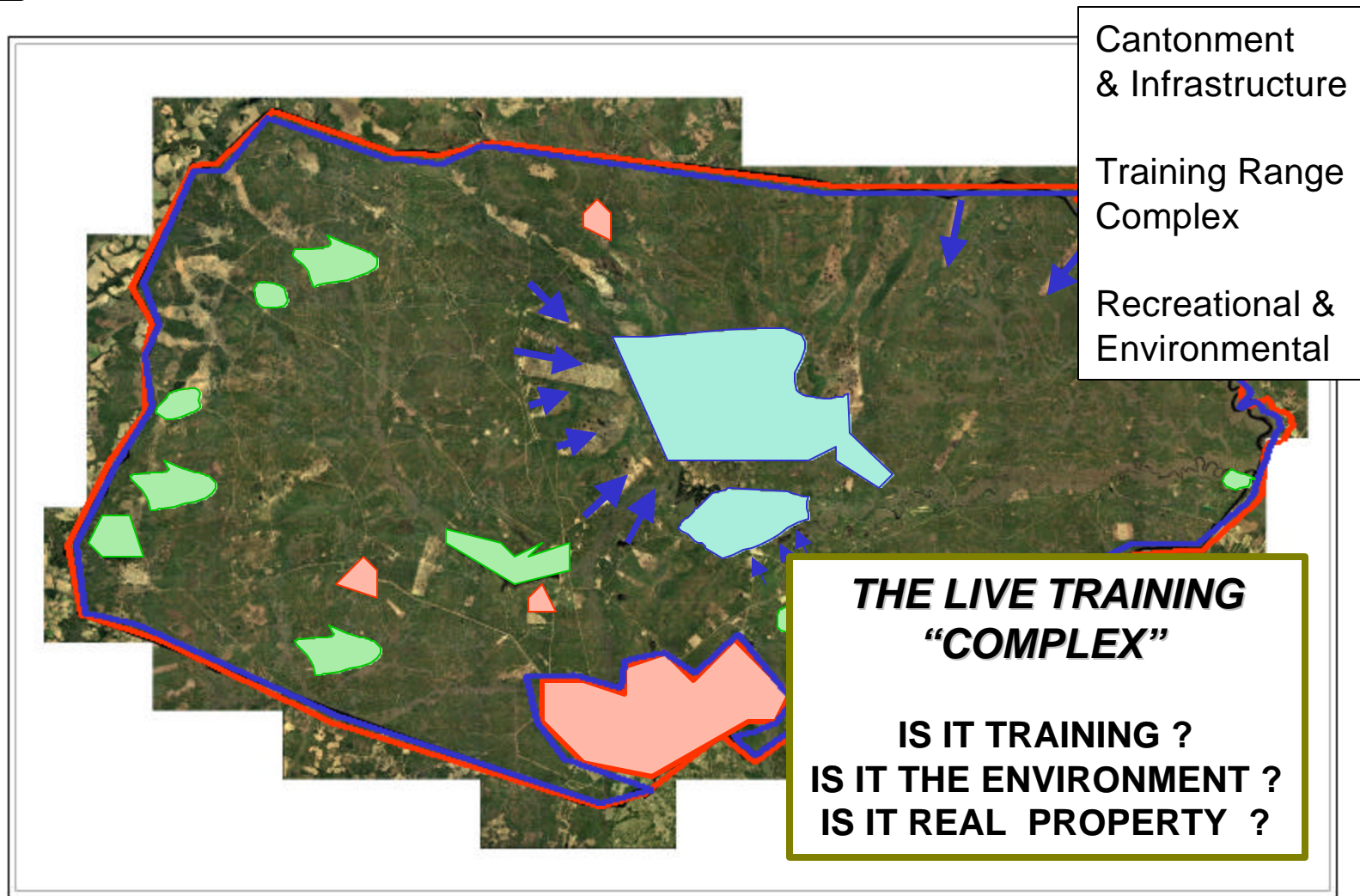


Eric N. Andersen  
Chief, Conservation  
Army National Guard



# ARMY Land Management

## What is it??



Cantonment  
& Infrastructure

Training Range  
Complex

Recreational &  
Environmental

**THE LIVE TRAINING  
"COMPLEX"**

IS IT TRAINING ?  
IS IT THE ENVIRONMENT ?  
IS IT REAL PROPERTY ?

UNCLASSIFIED



*Before coming up with policies and projects, we need to agree on what direction natural resources management will take in the next five years.*

*"Would you tell me please which way I ought to go from here?"*

*"That depends a good deal on where you want to get to", said the cat.*



*"I don't much care where", said Alice.*

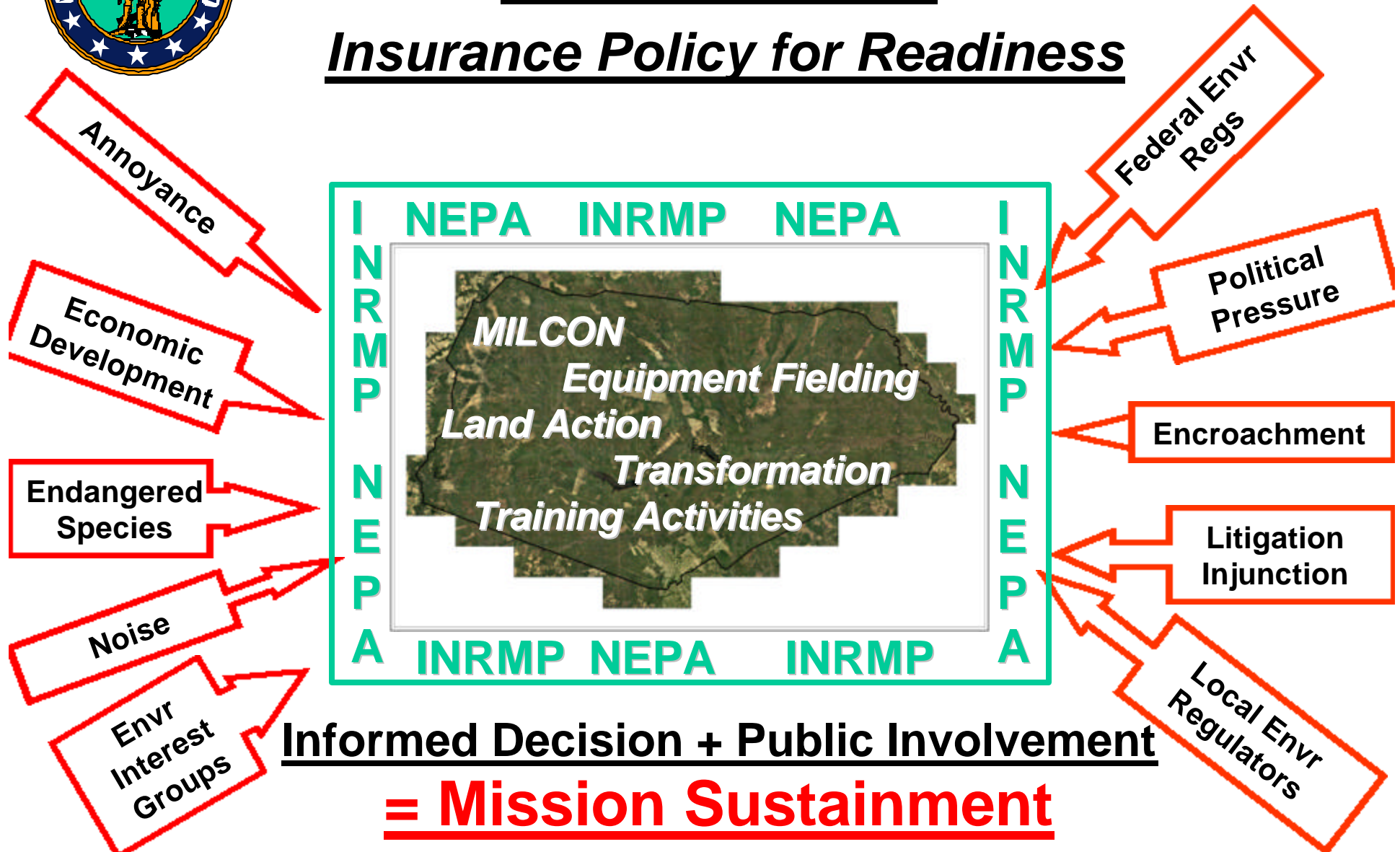
*Then it doesn't matter which way you go",  
said the cat.*

*Alice in Wonderland, Lewis Carroll*



# INRMP's & NEPA

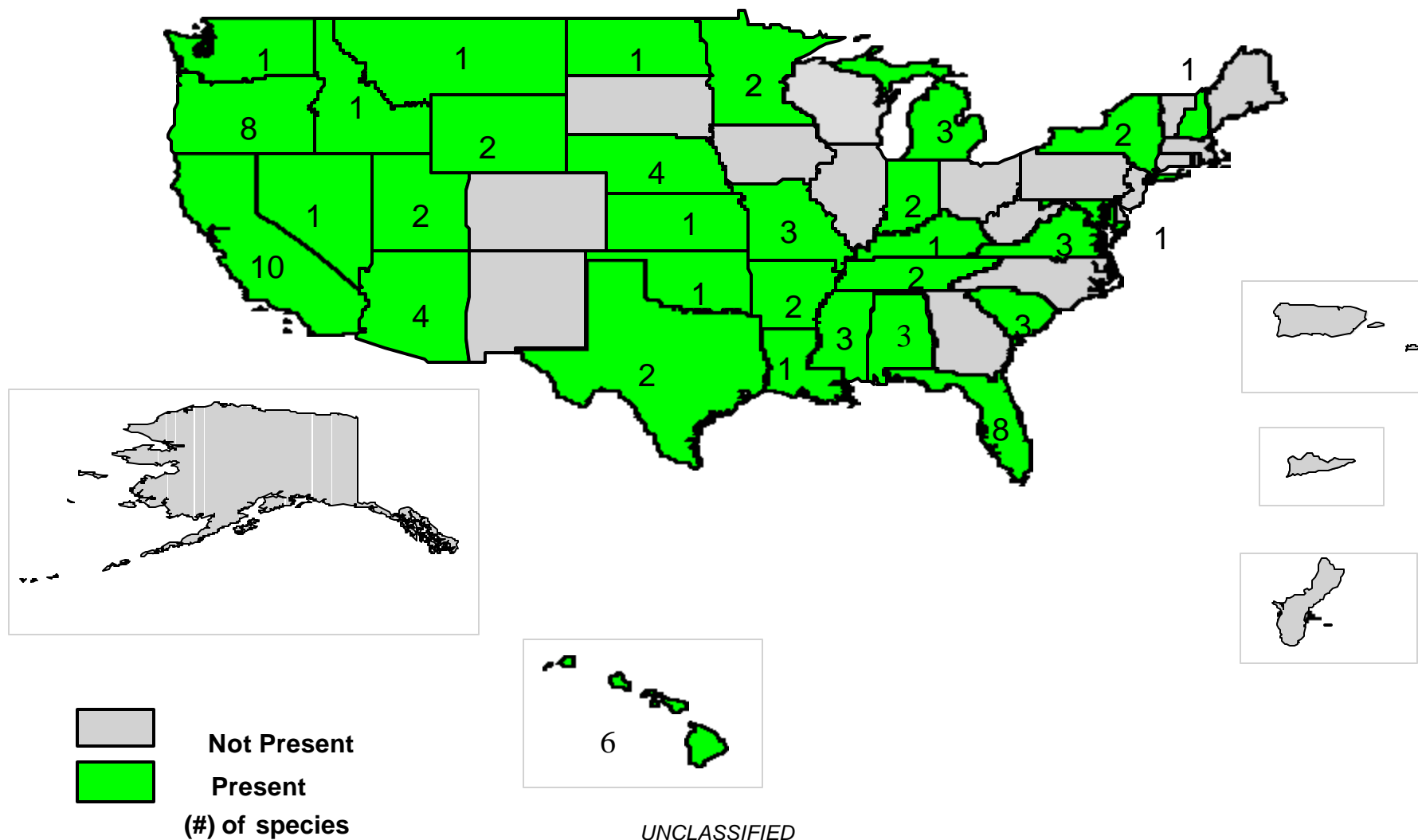
## Insurance Policy for Readiness







# T&E Species by State on ARNG Training Sites





# How Do We Get To An Informed Decision??

**INTEGRATED  
MANAGEMENT**

**ACCOUNTABILITY**

**Range Inventory  
Planning Level Surveys**

- Soils
- Wetlands
- Flora & Fauna
- T&E Species
- Surface Water
- Topography
- Vegetation Comm.

**Range Development  
Plans**

**Integrated Training  
Area Management**

**Installation Master Plans**



# NATURAL RESOURCES

## Integrated Natural Resources Management Plans

- Purpose: *To manage natural resources to comply w/ laws & policy and to ensure resources managed to support military training mission*
- Required by Federal law (Sikes Act)
- Statutory deadline to complete is **Nov 2001**

**An INRMP serves as the comprehensive plan to outline management of ALL natural resources IAW accepted stewardship principles while resulting in a “NO NET LOSS” of mission training land.**



# **INTEGRATED PLANNING**

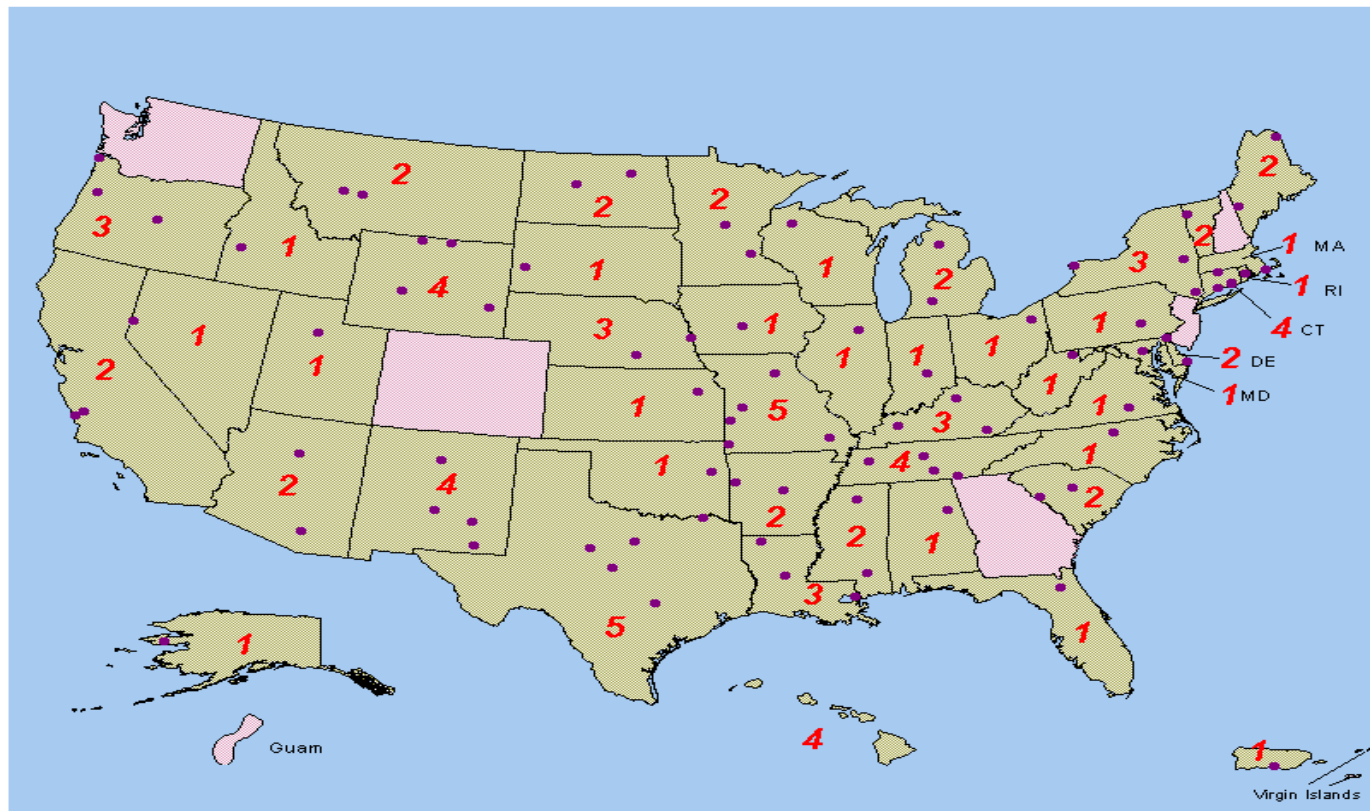
**An INRMP must describe how ecosystems will be managed to create or maintain landscape characteristics to enhance military training opportunities. The training community is an integral part of developing and implementing an INRMP.**

**Training Sites Are No Longer Stand Alone**  
**Management Units.**





# ARNG Trng Sites by State and Territory Requiring INRMP's



• INRMP Sites

■ States with INRMP's

■ INRMP not Required

# Number of INRMP's for Each State and Territory

UNCLASSIFIED



# What is Sustainable Range Management ?

***INTEGRATED  
MANAGEMENT***



***Expertise***

- ***Scientists***
- ***Military  
Trainers***
- ***Engineers***



***Integrator ??***

**GIS Tools**



# **Geographic Information Systems**

- **GIS is the key to sustaining our training lands into the 21st century**
- **It provides a tool for training site managers to visually integrate the the diverse requirements on our training lands**
- **It is being utilized to do mission support and planning, the DA A/I Range Inventory, to do master planning, Range Development Plans, ICRMP's, INRMP's, and NEPA documentation**
- **ARNG has over 20,000 data layers.**
- **FUTURE: Internet Map Server, Nationwide.**



# Where We Need to Be !

